



# MONACOR CTE Series Measuring and Testing Instruction Manual

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# MONACOR

[WWW.MONACOR.COM](http://WWW.MONACOR.COM)

**CTG-1NOISE** Bestell-Nº · Order No. 0292050  
**CTG-1SINE** Bestell-Nº · Order No. 0292060  
**CTG-1WNOISE** Bestell-Nº · Order No. 1000942



THE AUDIO COMPANY

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## Function Tester in XLR Plug

These instructions are intended for users with basic knowledge in audio technology. Please read the instructions carefully prior to operation and keep them for later reference.

### Applications

Is this situation familiar to you? The microphone on the stage does not provide any signal to the front of house and you are the one in charge of finding the error? Is the error due to the microphone or the cable? Or to the multicore cable or the mixer channel? An ohmmeter is currently not at hand or its battery is almost discharged. The MONACOR solution: Just connect the CTG to the microphone cable and activate the phantom power supply – the tester will then indicate the error. Three CTG versions are available: CTG-1NOISE with pink-noise generator, CTG-1WNOISE with white-noise generator and CTG-1SINE with 100 Hz sine wave generator.

### Important Notes

The tester corresponds to all relevant directives of the EU and is therefore marked with **CE**.  
The tester corresponds to the relevant UK legislation and is therefore marked with **UKCA**.

- The tester is suitable for indoor use only. Protect it against dripping water, splash water and high air humidity. The admissible ambient temperature range is 0 – 40 °C.
- For cleaning only use a dry, soft cloth; never use water or chemicals.
- No guarantee claims for the tester and no liability for any resulting personal damage or material damage will be accepted if the tester is used for other purposes than originally intended, if it is not correctly connected, or if it is not repaired in an expert way.



If the tester is to be put out of operation definitively, take it to a local recycling plant for a disposal which is not harmful to the environment.

### Operation

1. Mute the audio system.
2. Set the mixer channel where the signal is not available according to the signal source (microphone, instrument etc.) and activate the phantom power supply.
3. Instead of the signal source, connect the tester to the audio cable.

4. The LED on the tester will indicate the error detected:

LED	Status
Flashes twice	Pin 2 of the cable defective
Flashes three times	Pin 3 of the cable defective
Does not light up at all	Pin 1 of the cable defective or phantom power supply not available
Lights up continuously	Generator signal available: To check, unmute the audio system; the generator signal should be audible. Check the signal source!

## Specifications

### Output signal

<b>CTG-1NOISE:</b>	pink noise
<b>CTG-1WNOISE:</b>	white noise
<b>CTG-1SINE:</b>	100 Hz sine wave
<b>Level:</b>	approx. 100 V (p-p)
<b>Connections:</b>	XLR, balanced pin 1 = ground pin 2 = signal + pin 3 = signal –
<b>Error indication:</b>	via LED
<b>Power supply:</b>	phantom power 9 – 48 V (≡)
<b>Dimensions:</b>	ø 19 mm × 74 mm
<b>Weight:</b>	31 g
<b>Housing:</b>	XLR plug

Subject to technical modification.

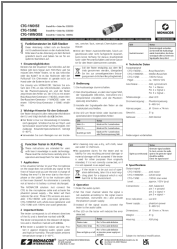




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## Documents / Resources



[MONACOR CTE Series Measuring and Testing](#) [pdf] Instruction Manual  
CTG-1NOISE, CTG-1SINE, CTG-1WNOISE, CTE Series Measuring and Testing, CTE Series,  
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